In the claims:

1-25. (Cancelled)

26. (Currently amended) A stable, dry powder insulin composition for delivery to the alveolar regions of the lungs, the composition produced by a method comprising:

dissolving insulin in an aqueous buffer at a concentration in the range from 0.01% to 1% to form a solution; ~~and~~

adding a pharmaceutical carrier to the solution; and

spray drying the solution to produce substantially amorphous particles having an average size in the range from 0.1 μm to 5 μm, wherein insulin is present in the particles at from 15% to 80% by weight.

27. (Cancelled)

28. (Currently amended) An insulin composition produced by a method as in claim 26 ~~claim 27~~, wherein the pharmaceutical carrier is a carbohydrate, organic salt, amino acid, peptide, or protein which produces a powder upon spray drying.

29. (Previously presented) An insulin composition produced by a method as in claim 28, wherein the pharmaceutical carrier is a carbohydrate selected from the group consisting of mannitol, raffinose, lactose, malto dextrin and trehalose.

30. (Previously presented) An insulin composition produced by a method as in claim 28, wherein the pharmaceutical carrier is an organic salt selected from the group consisting of sodium citrate, sodium acetate, and sodium ascorbate.

31. (Currently amended) A stable, dry powder insulin composition for delivery to the alveolar regions of the lungs, the composition produced by a method comprising:

dissolving insulin in an aqueous buffer at a concentration in the range from 0.01% to 1% to form a solution; ~~and~~

adding a pharmaceutical carrier to the solution; and

spray drying the solution to produce substantially amorphous particles having an average size below 10 μm, wherein insulin is present in the particles at from 15% to 80% by weight.

32. (Cancelled)

33. (Currently amended) An insulin composition produced by a method as in claim 31 ~~claim 32~~, wherein the pharmaceutical carrier is a carbohydrate, organic salt, amino acid, peptide, or protein which produces a powder upon spray drying.

34. (Currently amended) An insulin composition produced by a method as in claim 33, wherein ~~herein~~ the pharmaceutical carrier is a carbohydrate selected from the group consisting of mannitol, raffinose, lactose, malto dextrin and trehalose.

35. (Previously presented) An insulin composition produced by a method as in claim 33, wherein the pharmaceutical carrier is an organic salt selected from the group consisting of sodium citrate, sodium acetate, and sodium ascorbate.